

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	257/E33.062.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:10
L2	505	257/E33.063.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:26
L3	392	257/E33.067.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:35
L4	665	257/E33.068.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:42
L5	200	257/E33.068.ccls. and (reflection or transmission or transmissivity or transmittivity or reflectivity or tir or transmissive or transmitting or reflecting or reflectance) near5 (pattern\$4 or structur\$4 or microstructur\$4 or sinusoidal or grating or textur\$4 or microtextur\$4 or roughen\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:48
L6	320	438/27.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:48
L7	862	438/29.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:54
L8	138	438/29.ccls. and (reflection or transmission or transmissivity or transmittivity or reflectivity or tir or transmissive or transmitting or reflecting or reflectance) near5 (pattern\$4 or structur\$4 or microstructur\$4 or sinusoidal or grating or textur\$4 or microtextur\$4 or roughen\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:49

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L9	234	438/32.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 14:00
L10	144	438/71.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 14:00
S50	242	(light near emitting near diode) and (electrode or contact) near3 (finger or web or branch or branching) and (current or power) near2 (spread or spreading or diffusion or diffused or diffusing or uniform or uniformity or even or distributing or distribution or distributed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 08:38
S51	214	(light near emitting near diode) and (textur\$3 or microtextur\$3 or nanotextur\$3) near5 (extraction or decoupling or output or reflection or reflectance or transmission or transmittivity or transmitting or tir or efficiency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 08:54
S52	767	(light near emitting near diode) and (surface or layer or facet or outer or exterior or upper or lower) near3 (nanostructur\$3 or microstructur\$3 or structur\$3 or rough or roughening or roughened) near3 (extraction or decoupling or output or reflection or reflectance or transmission or transmittivity or transmitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:09
S53	612	(light near emitting near diode) and (surface or layer or facet or outer or exterior or upper or lower) near2 (nanostructur\$3 or microstructur\$3 or structur\$3 or rough or roughening or roughened or textured or texture) and (electrode or contact) near2 (web or webbed or lateral or spread or branch or branched or branching or tree or finger or fingered or digitated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:47

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S54	246	(light near emitting near diode) and (electrode or contact) near3 (finger or web or branch or branching or tree or webbed or fingered or digitized or dendritic) and (current or power) near2 (spread or spreading or diffusion or diffused or diffusing or uniform or uniformity or even or distributing or distribution or distributed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:22
S56	558	(light near emitting near diode) and (electrode or (electrical or n or p or ohmic) near contact) near3 (discontinuous or discontinuity or island or dots)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:24
S57	134	(light near emitting) and (electrode or contact) near3 (discontinuous or island or bubble or discontinuity) and (current or power) near2 (spread or spreading or diffusion or diffused or diffusing or uniform or uniformity or even or distributing or distribution or distributed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:48
S59	398	257/95.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:55
S60	476	257/98.ccls. and (tir or extraction or efficiency or output or illumination) near10 (structur\$3 or microstructur\$3 or textur\$3 or microtextur\$3 or nanotextur\$3 or roughened or roughness or cones or prisms or waves)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 12:23
S61	2414	257/99.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 12:23
S62	298	257/99.ccls. and (tir or extraction or efficiency or output or illumination) near10 (structur\$3 or microstructur\$3 or textur\$3 or microtextur\$3 or nanotextur\$3 or roughened or roughness or cones or prisms or waves)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 12:23

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	3	((light near emitting near diode) and (textur\$3 or microtextur\$3 or nanotextur\$3) near5 (extraction or decoupling or output or reflection or reflectance or transmission or transmittivity or transmitting)).clm.	US-PGPUB	OR	ON	2006/07/06 14:04
L13	37	((light near emitting near diode) and current near (spread\$4 or uniform\$4)).clm.	US-PGPUB	OR	ON	2006/07/06 14:05
L14	171	((textur\$3 or microtextur\$3 or nanotextur\$3) near5 (extraction or decoupling or output or reflection or reflectance or transmission or transmittivity or transmitting or tir or efficiency)).clm.	US-PGPUB	OR	ON	2006/07/06 14:07
L15	9	((light near emitting near diode) and (electrode or (electrical or n or p or ohmic) near contact) near3 (discontinuous or discontinuity or island or dots or bubble)).clm.	US-PGPUB	OR	ON	2006/07/06 14:09
L16	7	((light near emitting near diode) and (electrode or (electrical or n or p or ohmic) near contact) near3 (discontinuous or discontinuity or island or dots or bubble or web or webbing or fingers or digit\$7 or branching or branches) and (nanostructur\$3 or microstructur\$3 or structur\$3 or rough or roughening or roughened)).clm.	US-PGPUB	OR	ON	2006/07/06 14:11
L17	4	((light near emitting near diode) and (electrode or (electrical or n or p or ohmic) near contact) near3 (distributed) and (nanostructur\$3 or microstructur\$3 or structur\$3 or rough or roughening or roughened)).clm.	US-PGPUB	OR	ON	2006/07/06 14:11